Climate Chamber with Illumination LX100CCI

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Description

Climate Chamber with illumination LX100CCI is a double-door climate chamber with high-Quality stalinite to observe the sample. Provide a full spectrum of 0-30000LX that is adjustable for multiple levels. Build-in true color touch screen display, full spectrum LED top light source design, high illumination, low thermal radiation, long service life, removable Light partition, adjustable layer space.

Specifications

Cycle mode	Forced convection
Inner chamber dimension (W x L x H)	600 x 500 x 840 mm
Volume	250 L
Load per rack	15 kg
Shelf space	120 mm
Temp. range	Without illumination: 0~65℃ With illumination:10~65℃
Temp. resolution ratio	0.1℃
Temp. motion	±1℃
Temp. uniformity	±1.0℃
illumination(LX)	Full spectrum0-30000LX many degrees for adjusting
Inner chamber	SUS304 Satinless steel
Outer	Cold rolling steel electrostatic spraying exterior
Thermal insulation material	Polyurethane
Light barrier	Standard four layer full spectrum LED lamp board
Compressor	Air cooled hermetic compressor
Coolant	R134A
Defrosting	Automatic
Temp. control mode	30 sections program
Display	7.0 inch touch screen

Operation function	Fixed temp. operation, Timing function, Auto stop
Sensor	Pt100
Power	2.0kw
Power supply	AC220V/(50/60Hz); 9.1A
Exterior dimension (W x L x H)	800 x 730 x 1600 mm
Net weight	220 kg
Packing dimension (W x L x H)	890 x 860 x 1850 mm
Gross weight	250 kg

Features

- Double door structure, with high-quality stalinite to observe the sample
- 7-inch true color touch screen display that is convenient for viewing historical temperature data, storing and exporting in U disk data
- Power failure compensation with self-diagnosis and intelligent defrosting
- The evaporator temperature is collectively controlled by the backflow valve and expansion valve, which enhances the service life of the compressor
- Having polyurethane thermal insulation material, standard four-layer spectrum LED lamp board, stainless steel heating tube
- Equipped with high-precision digital independent temperature controller and high-quality sensor and hermetic compressor with R134A coolant

Applications

- Widely used in climate temperature and environment tests, light culture of microorganisms, cell tissue, seedlings, and other small animals.

Standard Accessories

- Shelf x 4pcs
- Shelf plate x 8pcs

Optional Accessories

- Light barrier
- USB interface
- Computer software

- Alarm
- co2 concentration control

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